



# PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 4138-26	FOR FURTHER ACTION	see Notification of Transmittal of International Search Re (Form PCT/ISA/220) as well as, where applicable, item below.		
International application No. PCT/IL03/00494	International filing date (day/mil) 11 June 2003 (11.06.2003)	oonth/year) (Earliest) Priority Date (day/month/year) 05 December 2002 (05.12.2002)		
Applicant NIR PADAN				
This international search report con	sists of a total of sheets.			
1 is also accompa	mied by a copy of each prior art doc	cument cited in this report.		
the international search Authority (Rule 23.1(b) b. With regard to any nucleo	was carried out on the basis of a trans  ).  tide and/or amine acid sequence dia	ed out on the basis of the international application in this item.  slation of the international application furnished to the international application, the international application,		
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the text has been established	ed, according to Rule 38 2/h) by this	s Authority as it appears in Box III. The applicant ional search report, submit comments to this		
The figure of the drawings to be pr	ublished with the abstract is Figure N	lo 2		
as suggested by the applica	Il.			
because the applicant failed		None of the figures		
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PCT/ISA/210 (first sheet) (July 1998	districtives the invention.			





International application No.

/ 503/90845

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

#### **NEW ABSTRACT**

A system, apparatus and method for optimizing the conduct of a close-in air combat are disclosed. A computing device is operative in the analysis of a close-in air combat situation. The computing device stores and utilizes one or more aerial aircraft-specific, weapon systems-specific and close-in air combat-situation-specific information. The computing device is operative in the analysis of the current air combat situation (12) and in the generation of a flight control recommendation (40). Consequently, the recommendation is converted into an indication having visual or audio format to be communicated to the operating crew of the aerial vehicle. The recommendation could further to be converted into specific flight control/energy command and to be introduces directly to the control systems of the aircraft.

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)





### INTERNATIONAL SEARCH REPORT

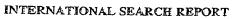
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/ 503/90845 CLASSIFICATION OF SUBJECT MATTER IPC(7) G06F 13/00; B64C 17/00 US CL 701/1, 3; 244/75R, 76R, 190, 195 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 701/1, 3; 244/75R, 76R, 190, 195 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DOCUMENTS CONSIDERED TO BE RELEVANT Category # Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 2004/0007121 A1 (GRAVES et al) 15 Jan 2004 (15.01.2004), paragraphs 0072, X, E 1-32 0090, 0358, 0405-0423 US 6,012,676 A (GOLD et al) 11 Jan 2000 (11.01.2000), claim 1 Χ 1, 5, 13-26, 28-29 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: u Tr later document published after the international filing date or priority date and not in conflict with the application but cited to understand the document defining the general state of the art which is not considered to be principle or theory underlying the invention of particular relevance document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step "X" earlier application or patent published on or after the international filing date when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as nent of particular relevance; the claimed invention cannot be specified) document of particular relevance, the channel invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 06 February 2004 (06.02.2004) Name and mailing address of the ISA/US Authorized office Mail Stop PCT, Attn: ISA/US Thu Nguyen Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (703)308-1113

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